

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-226294

(43)Date of publication of application : 21.08.2001

(51)Int.Cl.

A61K 47/30
A61K 9/10
A61K 31/337
A61K 31/4545
A61K 31/519
A61K 31/704

(21)Application number : 2000-032156

(71)Applicant : NANO CAREER KK

(22)Date of filing : 09.02.2000

(72)Inventor : YOKOYAMA MASAYUKI
MOTOSAWA EIICHI
OGAWA TAIRYO

(54) METHOD FOR PRODUCING POLYMER MICELLE CONTAINING INCLUDED DRUG AND POLYMER MICELLE COMPOSITION**(57)Abstract:**

PROBLEM TO BE SOLVED: To provide a method for producing a stable polymer micelle having high drug content and provide a composition containing the polymer micelle.

SOLUTION: The objective method for the production of a polymer micelle comprises the dissolution of a drug and a specific copolymer in a water-immiscible organic solvent, the mixing of the obtained solution with water to form an O/W-type emulsion and the slow evaporation of the organic solvent from the solution. The polymer micelle composition containing a scarcely water-soluble drug encapsulated therein can be produced by this method.

LEGAL STATUS

[Date of request for examination] 29.03.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3523821

[Date of registration] 20.02.2004

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]